

Converting Colors

Hex(22644D)

Have a look what the booklet for
Hex(22644D) contains.

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Color

Hex(22644D)

Conversions

Conversions Part 1

Format	Color
Hex	22644D
RGB	34, 100, 77
RGB Percent	13%, 39%, 30%
CMY	0.8667, 0.6078, 0.6980
CMYK	0.66, 0.00, 0.23, 0.61
HSL	159°, 49%, 26%
HSV	159°, 66%, 39%
XYZ	6.5564, 9.9902, 8.6039
YIQ	77.6440, -31.9530, -21.1450

Conversions

Conversions Part 2

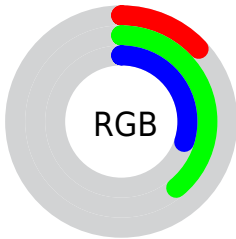
Format	Color
RYB	34, 74, 100
Decimal	2253901
CIELab	37.82, -26.94, 6.98
CIElCh	38, 27.834, 165.482
Yxy	9.9902, 0.2607, 0.3972
Android (android.graphics.Color)	4280443981 (0xFF22644D)
YUV	77.6440, -0.3175, -38.2758
Hunter-Lab	31.6074, -18.2860, 5.9856

Details

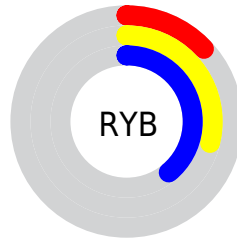
The Hex color **22644D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **642239**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **57977E**, and **003421** is the 20% darker color. If you saturate the color by 10%, you get **18644A**, and if you desaturate by 10%, it is **2C6450**.

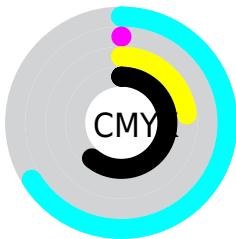
Distribution



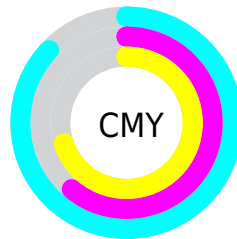
- Red (13%)
- Green (39%)
- Blue (30%)



- Red (13%)
- Yellow (29%)
- Blue (39%)



- Cyan (66%)
- Magenta (0%)
- Yellow (23%)
- Black (61%)



- Cyan (87%)
- Magenta (61%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22644D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 22644D by changing the saturation by 10% instead.

 22644D

 22644D

FFFFFF

 004C36

 57977E

 003421

 71B298

 00210A

 8BCEB3

 000000

 A7EACE

 C3FFEA

 DFFFFFF

 FCFFFF

 22644D

 22644D

■ 18644A

■ 2C6450

■ 0E6446

■ 366454

■ 046443

■ 406457

■ 006441

■ 4A645B

■ 54645E

■ 5E6462

■ 686465

■ 726469

■ 7C646C

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



426139



22644D



006564

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22644D



4A5784



7F4C3A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



22644D



642239

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84474E



22644D



6A4F79

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



22644D



1B5E84



7E4865



70542D

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



22644D



006472



7E4865



824A40

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



22644D



688279



396422



32423D



C2C2C2



424242

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22644D



1B825E



225A64



2E3331



00734B



00F29E

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



642239



821B3F



642C22



332E30



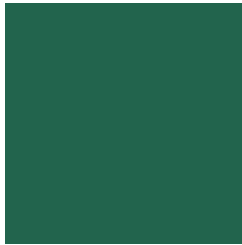
730028



F20054

Previews

White Background



This preview shows how the Hex color 22644D looks on a white background.

Color Contrast Check

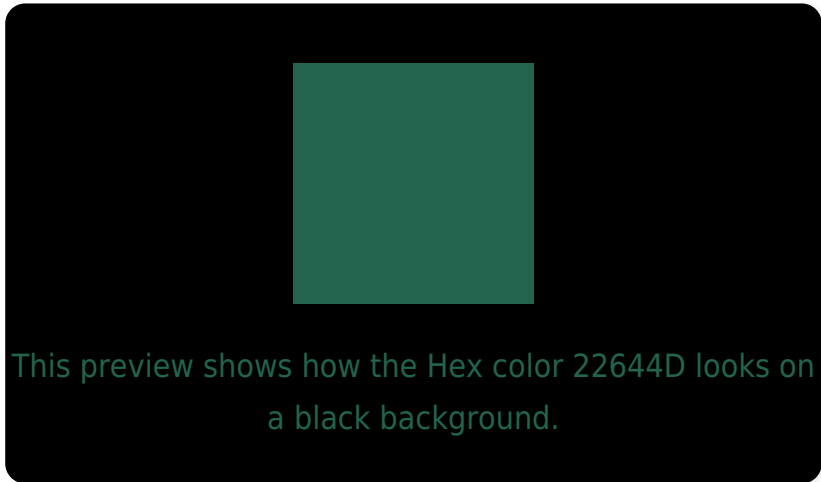
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

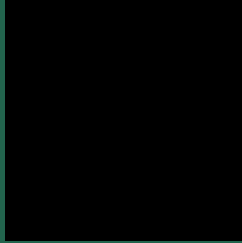
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 22644D Background



This preview shows how black text looks on a background with the Hex color 22644D.



This preview shows how white text looks on a background with the Hex color 22644D.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
22644D

Protanopia
5E5847

Deuteranopia
645550



Tritanopia
2D6068

Trichromacy



Original Color
22644D

Protanomaly
485C49

Deuteranomaly
4C5A4F

Tritanomaly
29615E

Monochromacy



Original Color
22644D

Achromatopsia
4E4E4E

Achromatomaly
3E564E

CSS Examples

Text

The CSS property to change the color of the text to Hex 22644D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #22644D looks like.

```
.text, #text, p{  
    color:#22644D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #22644D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22644D
}
```

Border

The CSS property to change the border of an element to Hex 22644D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22644D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#22644D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #22644D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22644D; -webkit-box-shadow:4px 4px  
4px 4px #22644D; box-shadow:4px 4px 4px  
4px #22644D }
```

Background

The CSS property to change the background color of an element to Hex 22644D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22644D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#22644D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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